

### Abstract of the Disclosure

An air interface apparatus is used for transmitting signals between an object under test and a probe device when  
5 the object under test is tested with the probe device. The air interface apparatus includes an inner conductor, an outer conductor which surrounds the inner conductor with a constant gap, a first signal pin being contacted to the object under test, a second signal pin being contacted to the probe device  
10 and inserted, an elastic spring for supporting the first and the second signal pins within the inner conductor, and an insulation ring for insulating the inner conductor and the outer conductor.